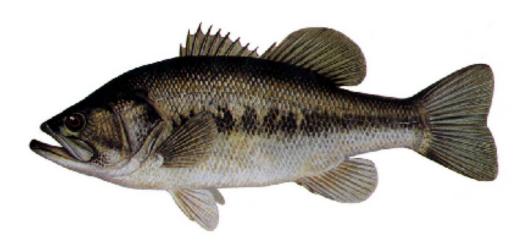
# Summary Report of Black Bass Fishing Contests held in California During 2008





Flatwater Reservoir Research and Management Project



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By

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#### Introduction

Since 1975, sponsors wishing to offer prizes or other inducements for the taking of sport fish in any California water must obtain a fishing contest permit from the California Department of Fish and Game (CDFG). Beginning in 1985, sponsors have been required to submit a 'Fishing Contest Report' to the CDFG detailing the results of each permitted contest. In 1990, in an effort to gather more data, regulations were established that provided two types of contests, Event and Annual. An Event type permit is designed to regulate large fishing contests often run by commercial organizations. The Annual type permit is designed to gather data from smaller organized contests, such as those offered by bass clubs or individuals.

An Event type permit is required for contests in which more than 50 anglers will participate or the sponsor is offering \$1,000 or more in prizes or other inducements. An Event contest targeting black bass may not exceed 3 days duration and no more than one Event type contest may be held on any water on the same day with the exception of the Sacramento – San Joaquin Delta (Delta). On the Delta, up to 3 Event permits may be issued per day as long as only one weigh-in location appears in each of the following counties: San Joaquin, Contra Costa, and Sacramento.

An Annual type permit is required for contests with 50 or fewer participants and the sponsor is offering less than \$1,000 in prizes or other inducements. Up to 12 individual contests may appear on each Annual permit, and there is no limit to the number of Annual type permits that can be issued for each date and/or water.

#### **Permits Issued**

A total of 1,864 fishing contest permits were issued for tournaments targeting black bass. For each permitted contest, the contest sponsor is required to return a completed fishing contest report. Because not all sponsors returned the required fishing contest report or the report was retuned incomplete, only completed fishing contest reports were used for analysis in this report.

A total of 820 Event type fishing contest permits were issued in 2008. This was a 3% decrease in permits issued compared to 2007, but represents a 30% increase in permitted contests since 2000 (Table 1).

A total of 1,044 Annual type fishing contest permits were issued in 2008. This is an 8% increase in permits issued compared to 2007, and an 18% increase since 2000 (Table 2).

Table 1. Number of Event type black bass fishing contests permitted annually between 1985 – 2008.

Number of N			Number of		Number of
Year	Contests	Year	Contests	Year	Contests
		1990	277	2000	630
		1991	265	2001	724
		1992	282	2002	721
		1993	303	2003	843
		1994	298	2004	793
1985	57	1995	327	2005	777
1986	151	1996	375	2006	765
1987	156	1997	422	2007	843
1988	234	1998	549	2008	820
1989	226	1999	596		

Table 2. Number of Annual type black bass fishing contests permitted annually between 1985 – 2008.

	Number of		Number of		Number of	
Year	Contests	Year	Contests	Year	Contests	
		1990	485	2000	889	
		1991	570	2001	937	
		1992	704	2002	934	
		1993	704	2003	887	
		1994	814	2004	903	
1985	na	1995	804	2005	831	
1986	na	1996	808	2006	919	
1987	na	1997	824	2007	966	
1988	na	1998	887	2008	1,044	
1989	na	1999	820			

### Locations

A total of 662 Event type contests were conducted on 50 different waters in 2008 (Table 3). Most Event type contests were held on Clear Lake (61), and in the Contra Costa County portion of the Delta (60). Both of these waters are located in Northern California. The greatest number of Event type contests conducted in Southern California was held on Lake Castaic (42).

Table 3. Location and number of Event type contests targeting black bass in 2008.

Water	Event	Water	Event
Clear Lake	61	Lake Perris	9
Delta (Contra Costa Co.)	60	Lake Cachuma	8
Lake Castaic	42	Folsom Lake	8
Lake McClure	41	New Melones Reservoir	8
Delta (San Joaquin Co.)	38	Lopez Lake	7
Lake Don Pedro	34	Silverwood Lake	7
Diamond Valley Lake	32	Lake Piru	5
Lake Shasta	27	Pyramid Lake	5
Lake Oroville	26	Lake Santa Margarita	5
Pine Flat Lake	26	Iron Gate Reservoir	4
Lake Kaweah	17	Lake Almanor	3
Lake Success	17	Kaweah River	3
Lake El Capitan	16	Lake Sonoma	3
Lake Casitas	13	Trinity Lake	3
Lake Nacimiento	13	Lake Tulloch	3
Lake Berryessa	12	Anderson Lake	2
Eastman Lake	12	Castaic Lagoon	2
Lake Camanche	11	Ruth Lake	2
Lake Isabella	11	East Park Reservoir	1
Lake San Vicente	11	Lake Hensly	1
Millerton Lake	10	New Hogan Resevoir	1
Lake Otay, Lower	10	Lake Pardee	1
Lake San Antonio	10	Lake Pillsbury	1
Delta (Sacramento Co.)	9	Puddingstone Reservoir	1
Lake Hodges	9	Vail Lake	1

A total of 854 Annual type contests were conducted on 73 different waters in 2008 (Table 4). The majority of the Annual type contests where held on Clear Lake (119), having almost twice the number of contests of any other water body. Sponsors of Annual type contests held a significant number of contests on the Contra Costa County portion of the Delta (64), at Lake Shasta (52), and the San Joaquin County portion of the Delta (57). All of these waters are located in Northern California. In southern California the most popular location for an Annual type contest was Lake El Capitan (22).

Table 4. Location and number of Annual type contests held in 2008.

Water Annual Water		Water	Annual
Clear Lake	119	Lake Britton	5
Delta (Contra Costa Co.)	64	Lake Havasu	5
Delta (San Joaquin Co.)	57	Lake Perris	5
Lake Shasta	52	Silverwood Lake	5
Lake Don Pedro	36	Bass Lake	4
Delta (Sacramento Co.)	32	Black Butte Lake	4
Lake El Capitan	22	Lake Sutherland	4
Lake Tulloch	19	Los Banos Creek Reservoir	3
Lake Berryessa	19	Lake Shastina	3
Lake Cachuma	19	Lake Skinner	3
Lake Camanche	19	Anderson Lake	2
Trinity Lake	19	Antelope Lake	2
Lopez Lake	18	Blue Lake, Upper (Lake Co.)	2
Lake Oroville	17	Camp Far West Reservoir	2
Diamond Valley Lake	15	Copco Lake	2
Lake Nacimiento	15	Martinez Reservoir	2
Lake San Antonio	15	East Park Reservoir	2
Whiskeytown Lake	14	Collins Lake	2
Lake Almanor	13	Parker Dam Reservoir	2
Lake Hodges	13	Puddingstone Reservoir	2
Lake Otay, Lower	13	Salt Springs Reservoir	2
Lake Piru	13	Stony Gorge Reservoir	2
Folsom Lake	12	Clear Creek Reservoir (Lassen County)	1
New Melones Reservoir	12	Coyote Lake	1
Lake Pardee	12	Lake Del Valle	1
Pine Flat Lake	12	Delta (Solano Co.)	1
Pyramid Lake	12	Lake Elsinore	1
Lake Casitas	11	Highland Springs Reservoir	1
Lake San Vicente	11	Lake Kaweah	1
Lake Santa Margarita	11	Lake Mendocino	1
Iron Gate Reservoir	10	Lake Murry	1
Lake McClure	10	Lake Poway	1
Lake Sonoma	10	Thermolito Afterbay	1
New Hogan Reservoir	9	Union Valley Reservoir	1
Colorado River	8	Walker Lake	1
Lake Amador	6	Walker Mine Tailings Reservoir	1
Lake Castaic	6		

## **Timing**

At least 30 black bass fishing contests were held each month, statewide, in 2008. For Event type contests, 40% of all contests were held during the spring months of March – May (Figure 1). During this period an average of 89 contests were held each month. The summer months of July – September saw the fewest number of contests, averaging 32 Event type contests each month statewide. This decrease is likely the result of a special condition imposed on all black bass contests held between June 15<sup>th</sup> and September 15<sup>th</sup>. Since 1988, in an effort to improve the survival of tournament caught black bass all permitted black bass contests have had to abide by "Special Conditions". One of the conditions, implemented to limit the stress on tournament caught bass during the summer months, was that the maximum time between blast off and the first weigh-in is six (6) hours.

An average of 71 Annual type contests were conducted each month statewide in 2008 (Figure 2). The highest number of annual type contests was held during the month of April, with over 98 tournaments being held. While a sponsor of an Annual type contest is required to abide by the same special conditions required of an Event type contest sponsor, there was not a significant decrease in contests held during the period of July through September.

Figure 1. Number and monthly distribution of Event type fishing contests targeting black bass in 2008.

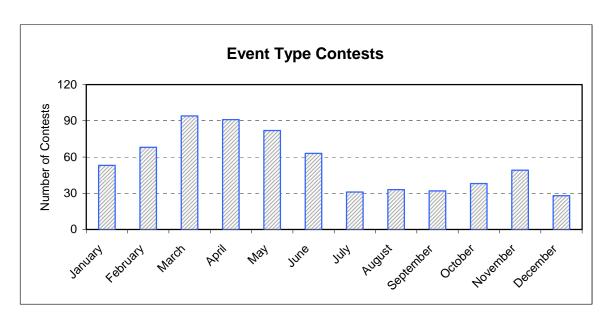
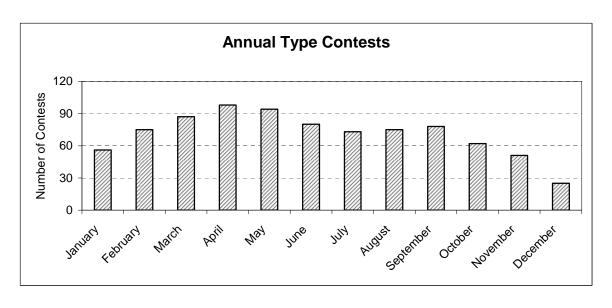


Figure 2. Number and monthly distribution of Annual type fishing contests targeting black bass in 2008.



### **Total Catch**

A total of 140,212 black bass were reported caught in fishing contests in 2008. Sponsors seldom identified their catch by species on their contest reports, so the catch is reported for all three black bass species combined (largemouth, smallmouth, and spotted bass). By contest type, anglers caught 100,675 black bass in Event type contests (Table 5) and 39,537 bass in Annual type contests (Table 6). Total catch decreased in 2008 in both Event and Annual type contests compared to 2007. In Event type contests, total catch decreased 17% and in Annual type contests the total catch decreased 11%.

Table 5. Total number of black bass caught in Event type fishing contests in 1985 - 2008.

Year	Total Catch	Year	Total Catch	Year	Total Catch
		1990	44,409	2000	61,245
		1991	32,937	2001	56,458
		1992	39,632	2002	52,971
		1993	47,212	2003	68,895
		1994	53,812	2004	81,715
1985	6,011	1995	50,580	2005	71,445
1986	15,663	1996	55,571	2006	78,475
1987	33,346	1997	62,518	2007	121,261
1988	36,437	1998	65,188	2008	100,675
1989	31,456	1999	33,740		

Figure 6. Total number of black bass caught in Annual type fishing contests in 1985 - 2008.

Year	Total Catch	Year	Total Catch	Year	Total Catch
		1990	12,092	2000	21,190
		1991	12,344	2001	24,624
		1992	20,777	2002	22,683
		1993	26,400	2003	24,363
		1994	35,330	2004	29,683
1985	no data	1995	29,047	2005	24,815
1986	no data	1996	28,143	2006	33,008
1987	no data	1997	32,163	2007	44,403
1988	no data	1998	26,356	2008	39,537
1989	no data	1999	15,243		

## **Catch per Hour**

The overall catch per hour for all black bass contests held in 2008 was 0.28 fish/hour. The catch per hour for Event (Table 7) and Annual (Table 8) type contests were the same at 0.28 fish/hour. Over all reporting years, the catch per hour for tournament caught black bass has remained fairly consistent in both Event and Annual type contests.

Table 7. Catch per hour of black bass by year for Event type black bass fishing contests between 1985 - 2008.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
		1990	0.22	2000	0.26
		1991	0.18	2001	0.28
		1992	0.20	2002	0.29
		1993	0.21	2003	0.25
		1994	0.25	2004	0.26
1985	0.21	1995	0.23	2005	0.24
1986	0.17	1996	0.25	2006	0.25
1987	0.23	1997	0.26	2007	0.27
1988	0.18	1998	0.25	2008	0.28
1989	0.19	1999	0.24		

Table 8. Catch per hour of black bass by year for Annual type black bass fishing contests between 1985 - 2008.

Year	Catch/Hour	Year	Catch/Hour	Year	Catch/Hour
		1990	0.20	2000	0.26
		1991	0.18	2001	0.27
		1992	0.21	2002	0.29
		1993	0.22	2003	0.25
		1994	0.27	2004	0.26
1985	no data	1995	0.25	2005	0.26
1986	no data	1996	0.27	2006	0.28
1987	no data	1997	0.29	2007	0.30
1988	no data	1998	0.27	2008	0.28
1989	no data	1999	0.28		

### Fish Size

The average weight of all black bass weighed in during 2008 was 2.32 pounds. Tournament sponsors seldom distinguish between species so this is the combined average weight of largemouth, smallmouth, and spotted bass. In Event type contests, the average black bass weighed 2.40 pounds (Table 9). In Annual type contests, the average weight of black bass was 2.13 pounds (Table 10). The largest black bass caught in a tournament in 2008 was a largemouth bass weighing 14.25 lbs, and was caught in the California Delta.

Table 9. Average weight of black bass caught in at Event type fishing contests between 1985 - 2008.

	Average Average			Average	
Year	Weight	Year	Weight	Year	Weight
		1990	1.76	2000	1.98
		1991	1.70	2001	2.01
		1992	1.83	2002	2.22
		1993	1.92	2003	2.21
		1994	1.90	2004	2.22
1985	no data	1995	1.88	2005	2.30
1986	no data	1996	1.91	2006	2.32
1987	no data	1997	1.93	2007	2.18
1988	no data	1998	2.00	2008	2.40
1989	no data	1999	2.08		

Table 10. Average weight of black bass caught in at Annual type fishing contests between 1985 - 2008.

	Average Average				Average
Year	Weight	Year	Weight	Year	Weight
		1990	1.62	2000	1.88
		1991	1.57	2001	1.92
		1992	1.50	2002	2.03
		1993	1.58	2003	2.14
		1994	1.64	2004	2.12
1985	no data	1995	1.66	2005	2.10
1986	no data	1996	1.67	2006	2.01
1987	no data	1997	1.84	2007	2.12
1988	no data	1998	1.83	2008	2.13
1989	no data	1999	2.09		

## **Initial Mortality**

Tournament sponsors are required, insofar as possible, to release all black bass alive and in good condition back to the water were taken. In some instances bass are brought to the weigh-in scales dead; this is recorded as initial mortality on the Fishing Contest Report submitted by the contest sponsor. Initial mortality is the only type of tournament associated loss measured for black bass fishing contests although an unknown amount of delayed mortality does occur. In Event type contests held in 2008, sponsors reported an initial mortality of 0.8% (Table 11). Sponsors of Annual type contests reported a 1.1% initial mortality (Table 12). Reported initial mortality has not exceeded 2% in any Event contest since the implementation of "Special Black Bass Tournament Conditions" in 1988.

Table 11. Percent initial mortality of black bass caught in Event type fishing contests between 1985 – 2008.

	Initial Initial				Initial
Year	Mortality	Year	Mortality	Year	Mortality
		1990	1.2	2000	1.3
		1991	0.9	2001	1.1
		1992	1.1	2002	1.0
		1993	0.7	2003	0.9
		1994	0.7	2004	1.0
1985	2.8	1995	8.0	2005	0.9
1986	2.0	1996	0.9	2006	1.1
1987	2.3	1997	1.0	2007	8.0
1988	1.4	1998	1.0	2008	8.0
1989	1.6	1999	0.9		

Table 12. Percent initial mortality of black bass caught in Annual type fishing contests between 1985 – 2008.

	Initial		Initial		Initial
Year	Mortality	Year	Mortality	Year	Mortality
		1990	2.0	2000	1.4
		1991	1.5	2001	1.3
		1992	1.9	2002	1.2
		1993	1.9	2003	1.2
		1994	1.7	2004	1.3
1985	no data	1995	5.0	2005	1.2
1986	no data	1996	1.4	2006	1.6
1987	no data	1997	1.8	2007	1.2
1988	no data	1998	1.4	2008	1.1
1989	no data	1999	2.1		

## Appendix 1

Summary of 2008 Fishing Contest Reports for All Contest Types by Individual Water

## 2008 Black Bass Fishing Contest Report Summary All Contest Types

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Almanor, Lake	18	1,210	2,814.7	22	429	144.0	3,897.0	0.31	2.33
Amador, Lake	7	212	538.4	4	109	46.0	858.0	0.25	2.54
Anderson Lake	5	633	1,011.6	5	227	41.5	2,503.0	0.25	1.60
Antelope Lake	2	57	135.4	0	32	17.0	268.0	0.21	2.38
Bass Lake	4	185	348.5	0	83	32.5	671.0	0.28	1.88
Berryessa, Lake	38	3,997	6,258.8	10	1,430	305.5	12,835.0	0.31	1.57
Black Butte Lake	4	53	63.5	1	53	30.0	416.0	0.13	1.20
Blue Lake, Upper	2	137	244.6	1	52	14.0	360.0	0.38	1.79
Britton, Lake	7	125	182.2	0	56	50.0	535.0	0.23	1.46
Cachuma, Lake	34	1,152	1,742.9	3	542	253.0	5,051.0	0.23	1.51
Camanche Reservoir	32	1,779	3,761.5	11	778	253.5	6,426.0	0.28	2.11
Camp Far West	3	84	123.9	3	26	20.0	256.0	0.33	1.47
Casitas Lake	27	1,647	4,311.5	15	771	190.5	6,096.0	0.27	2.62
Castaic Lagoon	2	203	430.1	0	65	14.0	448.0	0.45	2.12
Castaic Lake	54	5,143	10,954.0	34	2,280	379.5	18,286.0	0.28	2.13
Clear Creek Reservoir	1	7	30.6	0	13	4.0	52.0	0.13	4.37
Clear Lake	250	24,519	69,793.3	193	6,883	1,760.0	78,814.3	0.31	2.85
Colorado River	15	483	992.9	4	101	110.0	1,432.0	0.34	2.06
Copco Lake	2	38	74.6	1	21	10.0	105.0	0.36	1.96
Coyote Lake	1	20	41.0	0	30	7.0	210.0	0.10	2.05
Del Valle, Lake	1	18	30.0	0	10	6.0	60.0	0.30	1.67
Delta (Contra Costa Co.)	148	26,425	75,601.5	214	7,366	1,126.0	80,467.0	0.33	2.86
Delta (Sacramento Co.)	55	4,200	10,608.8	35	1,302	412.5	15,549.5	0.27	2.53
Delta (San Joaquin Co.)	104	6,610	17,704.7	50	3,038	798.0	25,016.8	0.26	2.68
Delta (Solano Co.)	1	1	2.0	0	10	6.0	60.0	0.02	2.00
Diamond Valley Lake	53	4,036	14,586.9	61	2,415	367.0	17,613.5	0.23	3.61
Don Pedro Reservoir	82	6,006	12,180.1	35	2,447	584.5	21,571.5	0.28	2.03
East Park Reservoir	4	245	374.4	0	130	26.0	1,042.0	0.24	1.53
Eastman Lake	13	431	744.7	11	286	92.0	2,174.5	0.20	1.73
El Capitan Lake	41	2,220	4,099.7	22	1,237	297.5	9,960.0	0.22	1.85
Elsinore, Lake	1	10	10.5	0	18	8.0	144.0	0.07	1.05
Folsom Lake	20	1,286	3,285.0	1	733	155.3	5,745.3	0.22	2.55

## 2008 Black Bass Fishing Contest Report Summary All Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Havasu, Lake	9	240	445.2	1	53	62.0	684.0	0.35	1.85
Hensley Lake	1	85	107.2	2	26	9.0	234.0	0.36	1.26
Highland Springs Reservoir	1	63	127.3	0	36	8.0	288.0	0.22	2.02
Hodges, Lake	23	1,294	2,444.7	14	678	175.5	5,422.0	0.24	1.89
Iron Gate Reservoir	21	841	1,488.8	19	336	163.0	4,075.5	0.21	1.77
Isabella Lake	12	755	2,157.1	9	470	84.0	3,775.0	0.20	2.86
Kaweah River	3	108	156.0	1	58	20.0	396.0	0.27	1.44
Kaweah, Lake	21	1,182	1,922.0	10	726	147.5	5,964.5	0.20	1.63
Lopez Lake	27	1,491	3,394.0	4	694	204.0	5,573.5	0.27	2.28
Los Banos Reservoir	3	56	99.1	0	41	21.0	298.0	0.19	1.77
Martinez Reservoir	2	28	31.3	0	19	14.0	130.0	0.22	1.12
McClure, Lake	54	3,747	5,410.2	15	1,524	418.3	12,411.8	0.30	1.44
Mendocino, Lake	1	37	74.7	0	19	8.0	152.0	0.24	2.02
Merle Collins Reservoir	2	26	72.9	0	22	15.5	171.5	0.15	2.80
Millerton Lake	11	963	2,062.2	3	453	87.5	3,948.5	0.24	2.14
Murray Reservoir	1	34	62.0	1	11	6.0	66.0	0.52	1.82
Nacimiento, Lake	30	1,608	1,804.6	7	1,076	237.0	9,236.0	0.17	1.12
New Hogan Lake	11	492	841.3	1	218	84.0	1,830.0	0.27	1.71
New Melones Lake	21	1,488	2,378.2	23	761	166.5	7,578.0	0.20	1.60
Oroville, Lake	50	3,819	6,558.6	22	1,678	389.0	14,326.0	0.27	1.72
Otay Lake, Lower	25	1,296	2,426.4	14	803	167.0	5,666.0	0.23	1.87
Pardee Reservoir	13	583	1,429.0	2	262	103.5	2,079.0	0.28	2.45
Parker Dam Reservoir	4	84	149.0	1	28	27.0	384.0	0.22	1.77
Perris Reservoir	15	1,028	2,642.4	8	474	113.0	3,782.0	0.27	2.57
Pillsbury, Lake	1	77	268.0	9	89	8.5	756.5	0.10	3.48
Pine Flat Lake	41	2,855	3,545.5	127	1,253	318.0	11,318.0	0.25	1.24
Piru, Lake	20	781	1,386.9	10	402	132.0	2,885.0	0.27	1.78
Poway, Lake	1	22	33.2	1	7	6.0	42.0	0.52	1.51
Puddingstone Reservoir	3	138	331.8	0	81	23.0	633.0	0.22	2.40
Pyramid Lake	18	710	1,294.5	8	344	137.0	2,815.5	0.25	1.82
Ruth Lake	3	128	253.6	1	66	24.8	780.5	0.16	1.98
Salt Springs	2	78	167.6	0	32	16.0	256.0	0.30	2.15

## 2008 Black Bass Fishing Contest Report Summary All Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
San Antonio Lake	28	1,318	2,440.8	9	766	219.5	6,631.0	0.20	1.85
San Vicente Reservoir	27	1,931	4,153.1	27	1,046	177.0	7,920.0	0.24	2.15
Santa Margarita Lake	16	558	1,481.6	2	426	130.3	3,399.0	0.16	2.66
Shasta Lake	103	12,644	19,250.2	87	2,975	793.8	34,899.8	0.36	1.52
Shastina Reservoir	3	48	115.0	0	31	23.0	245.0	0.20	2.39
Silverwood Lake	12	338	632.6	1	176	94.0	1,381.0	0.24	1.87
Skinner Reservoir	3	74	209.5	0	66	22.0	474.0	0.16	2.83
Sonoma, Lake	15	859	1,972.0	2	448	120.0	3,960.0	0.22	2.30
Stony Gorge Reservoir	2	50	79.3	1	24	16.0	192.0	0.26	1.59
Success, Lake	18	528	984.7	10	548	122.0	4,076.0	0.13	1.86
Sutherland, Lake	5	72	118.7	2	25	27.0	155.0	0.46	1.65
Thermalito Afterbay	1	14	32.0	0	18	6.0	108.0	0.13	2.29
Trinity Lake	32	990	2,421.4	30	372	215.0	3,542.0	0.28	2.45
Tulloch Reservoir	23	872	1,918.3	6	545	132.5	3,252.0	0.27	2.20
Union Valley Reservoir	1	35	46.2	0	16	9.0	144.0	0.24	1.32
Vail Lake	1	240	560.1	0	98	8.0	784.0	0.31	2.33
Walker Lake	1	23	51.0	0	10	6.0	60.0	0.38	2.22
Walker Mine Tailings Reservoir	1	40	90.5	0	17	9.0	153.0	0.26	2.26
Whiskeytown Lake	14	269	587.2	2	183	108.5	1,427.0	0.19	2.18
Statewide Totals	1,787	140,212	325,792	1,228	53,503	13,195	499,684	0.28	2.32

# Appendix 2

Summary of 2008 Fishing Contest Reports for Event Type Contests by Individual Water

## 2008 Black Bass Fishing Contest Report Summary Event Contest Types

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Almanor, Lake	3	396	1,037.6	2	184	26.5	1,642.0	0.24	2.62
Anderson Lake	3	490	803.8	5	179	26.5	2,158.0	0.23	1.64
Berryessa, Lake	14	2,691	4,152.6	6	1,018	113.0	8,677.0	0.31	1.54
Cachuma, Lake	10	514	756.1	0	215	66.0	1,866.0	0.28	1.47
Camanche Reservoir	11	945	2,123.3	7	415	89.0	3,334.0	0.28	2.25
Casitas Lake	16	1,400	3,854.3	12	631	102.5	4,918.0	0.28	2.75
Castaic Lagoon	2	203	430.1	0	65	14.0	448.0	0.45	2.12
Castaic Lake	48	4,816	10,334.1	32	2,180	331.5	17,463.0	0.28	2.15
Clear Lake	80	17,351	51,155.6	97	4,863	582.0	58,081.0	0.30	2.95
Delta (Contra Costa Co.)	72	22,890	66,595.9	207	6,092	554.5	69,560.0	0.33	2.91
Delta (Sacramento Co.)	13	2,332	5,931.7	27	630	108.0	9,302.5	0.25	2.54
Delta (San Joaquin Co.)	40	3,896	10,816.3	27	1,750	331.3	14,982.3	0.26	2.78
Diamond Valley Lake	38	3,415	12,709.8	55	2,127	245.5	15,250.5	0.22	3.72
Don Pedro Reservoir	38	3,662	7,858.7	21	1,453	295.0	13,568.0	0.27	2.15
East Park Reservoir	1	167	290.7	0	86	8.0	688.0	0.24	1.74
Eastman Lake	13	431	744.7	11	286	92.0	2,174.5	0.20	1.73
El Capitan Lake	19	1,792	3,253.3	19	946	128.5	7,648.0	0.23	1.82
Folsom Lake	8	887	2,435.5	1	494	64.0	3,952.0	0.22	2.75
Hensley Lake	1	85	107.2	2	26	9.0	234.0	0.36	1.26
Hodges, Lake	9	872	1,561.3	11	463	71.0	3,717.0	0.23	1.79
Iron Gate Reservoir	5	477	858.8	3	216	47.5	2,556.0	0.19	1.80
Isabella Lake	12	755	2,157.1	9	470	84.0	3,775.0	0.20	2.86
Kaweah River	3	108	156.0	1	58	20.0	396.0	0.27	1.44
Kaweah, Lake	19	1,178	1,913.9	10	714	142.5	5,904.5	0.20	1.62
Lopez Lake	7	686	1,604.7	1	265	52.5	2,034.0	0.34	2.34
McClure, Lake	43	3,359	4,809.7	15	1,355	337.3	11,046.8	0.30	1.43
Millerton Lake	11	963	2,062.2	3	453	87.5	3,948.5	0.24	2.14
Nacimiento, Lake	13	994	1,165.9	0	526	106.0	4,313.0	0.23	1.17
New Hogan Lake	1	112	184.9	0	52	8.0	416.0	0.27	1.65
New Melones Lake	9	1,129	1,805.3	23	518	75.5	5,703.0	0.20	1.60
Oroville, Lake	29	3,243	5,593.7	21	1,394	223.0	11,622.0	0.28	1.72

## 2008 Black Bass Fishing Contest Report Summary Event Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Otay Lake, Lower	12	935	1,824.0	10	619	73.5	4,355.0	0.21	1.95
Pardee Reservoir	1	33	69.0	0	16	8.0	128.0	0.26	2.09
Perris Reservoir	9	752	2,060.6	6	351	70.0	2,736.0	0.27	2.74
Pillsbury, Lake	1	77	268.0	9	89	8.5	756.5	0.10	3.48
Pine Flat Lake	28	2,456	3,096.2	109	1,066	229.0	9,895.0	0.25	1.26
Piru, Lake	7	289	536.4	2	156	37.0	1,102.0	0.26	1.86
Puddingstone Reservoir	1	61	166.0	0	40	8.0	320.0	0.19	2.72
Pyramid Lake	6	351	647.3	3	165	41.5	1,386.0	0.25	1.84
Ruth Lake	3	128	253.6	1	66	24.8	780.5	0.16	1.98
San Antonio Lake	10	664	1,263.5	2	463	82.0	3,911.0	0.17	1.90
San Vicente Reservoir	16	1,437	3,231.6	14	823	92.5	6,180.0	0.23	2.25
Santa Margarita Lake	5	202	548.4	0	126	42.0	1,077.0	0.19	2.71
Shasta Lake	33	9,240	14,370.6	13	2,081	265.3	25,562.3	0.36	1.56
Silverwood Lake	7	190	349.5	0	94	55.0	739.0	0.26	1.84
Sonoma, Lake	3	316	746.4	0	226	24.0	1,808.0	0.17	2.36
Success, Lake	18	528	984.7	10	548	122.0	4,076.0	0.13	1.86
Trinity Lake	3	167	424.7	0	89	23.5	708.0	0.24	2.54
Tulloch Reservoir	3	370	868.5	1	166	24.5	1,352.0	0.27	2.35
Vail Lake	1	240	560.1	0	98	8.0	784.0	0.31	2.33
Statewide Totals	758	100,675	241,533.5	808	37,405	5,680.5	359,034.8	0.28	2.40

## **Appendix 3**

Summary of 2008 Fishing Contest Reports for Annual Types by Individual Water

## 2008 Black Bass Fishing Contest Report Summary Annual Contest Types

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Almanor, Lake	15	814	1,777.1	20	245	117.5	22558.0	0.36	2.18
Amador, Lake	7	212	538.4	4	109	46.0	858.0	0.25	2.54
Anderson Lake	2	143	207.9	0	48	15.0	345.0	0.41	1.45
Antelope Lake	2	57	135.4	0	32	17.0	268.0	0.21	2.38
Bass Lake	4	185	348.5	0	83	32.5	671.0	0.28	1.88
Berryessa, Lake	24	1,306	2,106.2	4	412	192.5	4158.0	0.31	1.61
Black Butte Lake	4	53	63.5	1	53	30.0	416.0	0.13	1.20
Blue Lake, Upper	2	137	244.6	1	52	14.0	360.0	0.38	1.79
Cachuma, Lake	24	638	986.8	3	327	187.0	3185.0	0.20	1.55
Camanche Reservoir	21	834	1,638.2	4	363	164.5	3092.0	0.27	1.96
Camp Far West	3	84	123.9	3	26	20.0	256.0	0.33	1.47
Casitas Lake	11	247	457.2	3	140	88.0	1178.0	0.21	1.85
Castaic Lake	6	327	619.9	2	100	48.0	823.0	0.40	1.90
Clear Creek	1	7	30.6	0	13	4.0	52.0	0.13	4.37
Clear Lake	170	7,168	18,637.8	96	2020	1178.0	20733.3	0.35	2.60
Colorado River	15	483	992.9	4	101	110.0	1432.0	0.34	2.06
Copco Lake	2	38	74.6	1	21	10.0	105.0	0.36	1.96
Coyote Lake	1	20	41.0	0	30	7.0	210.0	0.10	2.05
Del Valle, Lake	1	18	30.0	0	10	6.0	60.0	0.30	1.67
Delta (Contra Costa Co.)	76	3,535	9,005.6	7	1274	571.5	10907.0	0.32	2.55
Delta (Sacramento Co.)	42	1,868	4,677.1	8	672	304.5	6247.0	0.30	2.50
Delta (San Joaquin Co.)	64	2,714	6,888.4	23	1288	466.8	10034.5	0.27	2.54
Delta (Solano Co.)	1	1	2.0	0	10	6.0	60.0	0.02	2.00
Diamond Valley Lake	15	621	1,877.1	6	288	121.5	2363.0	0.26	3.02
Don Pedro Reservoir	45	2,344	4,321.4	14	994	289.5	8003.5	0.29	1.84
East Park Reservoir	3	78	83.7	0	44	18.0	354.0	0.22	1.07
El Capitan Lake	22	428	846.4	3	291	169.0	2312.0	0.19	1.98
Elsinore, Lake	1	10	10.5	0	18	8.0	144.0	0.07	1.05
Folsom Lake	12	399	849.5	0	239	91.3	1793.3	0.22	2.13
Havasu, Lake	9	240	445.2	1	53	62.0	684.0	0.35	1.85
Highland Springs Reservoir	1	63	127.3	0	36	8.0	288.0	0.22	2.02

## 2008 Black Bass Fishing Contest Report Summary Annual Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Hodges, Lake	14	422	883.4	3	215	104.5	1,705.0	0.25	2.09
Iron Gate Reservoir	16	364	629.9	16	120	115.5	1,519.5	0.24	1.73
Kaweah, Lake	2	4	8.1	0	12	5.0	60.0	0.07	2.04
Lake Britton	7	125	182.2	0	56	50.0	535.0	0.23	1.46
Lake Mendocino	1	37	74.7	0	19	8.0	152.0	0.24	2.02
Lopez Lake	20	805	1,789.3	3	429	151.5	3,539.5	0.23	2.22
Los Banos Reservoir	3	56	99.1	0	41	21.0	298.0	0.19	1.77
Martinez Reservoir	2	28	31.3	0	19	14.0	130.0	0.22	1.12
McClure, Lake	11	388	600.5	0	169	81.0	1,365.0	0.28	1.55
Merle Collins Reservoir	2	26	72.9	0	22	15.5	171.5	0.15	2.80
Murray Reservoir	1	34	62.0	1	11	6.0	66.0	0.52	1.82
Nacimiento, Lake	17	614	638.7	7	551	131.0	4,923.0	0.12	1.04
New Hogan Lake	10	380	656.5	1	166	76.0	1,414.0	0.27	1.73
New Melones Lake	12	359	572.9	0	243	91.0	1,875.0	0.19	1.60
Oroville, Lake	21	576	965.0	1	284	166.0	2,704.0	0.21	1.68
Otay Lake, Lower	13	361	602.4	4	184	93.5	1,311.0	0.28	1.67
Pardee Reservoir	12	550	1,360.0	2	246	95.5	1,951.0	0.28	2.47
Parker Dam Reservoir	4	84	149.0	1	28	27.0	384.0	0.22	1.77
Perris Reservoir	6	276	581.8	2	123	43.0	1,046.0	0.26	2.11
Pine Flat Lake	13	399	449.3	18	187	89.0	1,423.0	0.28	1.13
Piru, Lake	13	492	850.5	8	246	95.0	1,783.0	0.28	1.73
Poway, Lake	1	22	33.2	1	7	6.0	42.0	0.52	1.51
Puddingstone Reservoir	2	77	165.8	0	41	15.0	313.0	0.25	2.15
Pyramid Lake	12	359	647.2	5	179	95.5	1,429.5	0.25	1.80
Salt Springs Reservoir	2	78	167.6	0	32	16.0	256.0	0.30	2.15
San Antonio Lake	18	654	1,177.2	7	303	137.5	2,720.0	0.24	1.80
San Vicente Reservoir	11	494	921.5	13	223	84.5	1,740.0	0.28	1.87
Santa Margarita Lake	11	356	933.2	2	300	88.3	2,322.0	0.15	2.62
Shasta Lake	70	3,404	4,879.6	74	894	528.5	9,337.5	0.36	1.43
Shastina Reservoir	3	48	115.0	0	31	23.0	245.0	0.20	2.39
Silverwood Lake	5	148	283.1	1	82	39.0	642.0	0.23	1.91

## 2008 Black Bass Fishing Contest Report Summary Annual Contest Types (con't.)

	Contest	Total Fish	Total Fish	Total Fish	Number of	Total Contest	Total Hours	Total Catch	Mean Weight
Water Name	Days	Count	Weight	Reported Dead	Competitors	Hours	Effort	Per Hour	Per Fish
Skinner Reservoir	3	74	209.5	0	66	22.0	474.0	0.16	2.83
Sonoma, Lake	12	543	1,225.6	2	222	96.0	2,152.0	0.25	2.26
Stony Gorge Reservoir	2	50	79.3	1	24	16.0	192.0	0.26	1.59
Sutherland, Lake	5	72	118.7	2	25	27.0	155.0	0.46	1.65
Thermalito Afterbay	1	14	32.0	0	18	6.0	108.0	0.13	2.29
Trinity Lake	29	823	1,996.7	30	283	191.5	2,834.0	0.29	2.43
Tulloch Reservoir	20	502	1,049.8	5	379	108.0	1,900.0	0.26	2.09
Union Valley Reservoir	1	35	46.2	0	16	9.0	144.0	0.24	1.32
Walker Lake	1	23	51.0	0	10	6.0	60.0	0.38	2.22
Walker Mine Tailings Reservoir	1	40	90.5	0	17	9.0	153.0	0.26	2.26
Whiskeytown Lake	14	269	587.2	2	183	108.5	1,427.0	0.19	2.18
Statewide Totals	1,029	39,537	84,258.2	420	16,098	7,514.2	140,649.1	0.28	2.13